

U.S. Environmental Protection Agency
Office of Prevention, Pesticides and Toxic Substances
Office of Pollution Prevention and Toxics
Information Management Division

JAMES C. BROWN
ALASKAN COPPER WORKS
3200 6TH AVE. S.
SEATTLE, WA 98134

11/15/95

TRI ID #: 98134-LSKNC-32006
Reporting Year: 1994

T O X I C R E L E A S E I N V E N T O R Y (T R I)

R E L E A S E V A L U E R E P O R T

The attached reports list the chemical identities and corresponding release values for your Form R reports.

EPA wishes to represent accurately the data reported by your facility. We believe our data entry is of excellent quality; however, as a final quality measure, we ask that you verify the release values listed on this report against your own Form R records. If the data reported do not match those on the Forms R you submitted, please let us know within 21 days of receipt of this report, by following these instructions:

- o On the attached report, mark through the erroneous value and write the correct value next to it;
- o Return the corrected report to:

The EPCRA Reporting Center
P.O. Box 3348
Merrifield, VA 22116-3348
Attn: TRI RVR

If you do not find any errors in the report, no further action is required. Please note:

- 1) The report lists only those Form R reports which have completed our internal data quality checks. If any reports or revisions submitted by your facility are not listed, you will be receiving additional correspondence from us.

- 2) We observe certain conventions in the way your facility identification information is represented. For example, we list the main company name first, followed by the division name. We use standard abbreviations for certain words such as Corp. for Corporation and Hwy. for Highway. Please correct this type of information only if the actual data are incorrect.
- 3) Releases, off-site transfers, and other waste stream quantities are entered to the nearest pound. Thus amounts smaller than 0.5 will appear as 0.

Please do not use the reports to make changes to release values or any other data you reported incorrectly. If your original submission contains information you now believe to be incorrect, please resubmit a complete Form R with the corrected information. Follow the voluntary revision guidelines outlined in the TRI Reporting Form R and Instructions. If you wish to make the required corrections on magnetic media, please resubmit ONLY for the chemical being corrected. Within 21 days, send the revised complete Form R and a copy of this notice to the address above, 'Attn: Revision'. You must also send a copy of your corrected Form R to the same State organization to which you sent a copy of your original submission. EPA recommends that Government-Owned Contractor-Operated (GOCO) facilities send copies of their corrections to their associated Federal facilities.

If you have any questions about the information on this report, please call the Emergency Planning and Community Right-to-Know (EPCRA) Reporting Center at:

(703) 816-4445

Tell the operator that you are calling about the TRI RVR.

For a copy of the TRI Reporting Instructions, call the EPCRA Hotline at:

(800) 535-0202 (toll free, outside the D.C. Metro area)
(800) 553-7682 (TDD #)
(703) 412-9877 (D.C. Metro and Northern Virginia areas)

Thank you for assisting in our efforts to make the TRI data as accurate as possible.

/s/ Ruby N. Boyd

Ruby N. Boyd, Acting Chief
Toxic Release Inventory
Information Management Branch (7407)

Attachment(s)

DATE: 11/15/95

ALASKAN COPPER WORKS
3200 6TH AVE. S.
SEATTLE, WA 98134

RELEASE VALUE REPORT

Document Control Nbr.	Chemical Name	CAS Number
13-94-08506770-0-WA	MANGANESE COMPOUNDS	N450 - -
5.1	Fugitive or non-point air emissions	1 - 10
5.2	Stack or point air emissions	NA
5.3.A	Discharges to water bodies	NA
5.4	Underground injections on-site	NA
5.5.1	Releases to landfill	NA
5.5.2	Releases to land treatment/application farming	NA
5.5.3	Releases to surface impoundment	NA
5.5.4	Releases to other land disposal	NA
6.2.01	Transfer to other off-site WORLD RESOURCES CO.	11 - 499
6.2.02	Transfer to other off-site	NA
8.1.A	Quantity released	5
8.1.B	Quantity released	5
8.1.C	Quantity released	5
8.1.D	Quantity released	5
8.2.A	Quantity used for energy recovery on-site	0
8.2.B	Quantity used for energy recovery on-site	0
8.2.C	Quantity used for energy recovery on-site	0
8.2.D	Quantity used for energy recovery on-site	0
8.3.A	Quantity used for energy recovery off-site	0
8.3.B	Quantity used for energy recovery off-site	0
8.3.C	Quantity used for energy recovery off-site	0
8.3.D	Quantity used for energy recovery off-site	0
8.4.A	Quantity recycled on-site	0
8.4.B	Quantity recycled on-site	0
8.4.C	Quantity recycled on-site	0
8.4.D	Quantity recycled on-site	0
8.5.A	Quantity recycled off-site	23
8.5.B	Quantity recycled off-site	49
8.5.C	Quantity recycled off-site	55
8.5.D	Quantity recycled off-site	55
8.6.A	Quantity treated on-site	0
8.6.B	Quantity treated on-site	0
8.6.C	Quantity treated on-site	0
8.6.D	Quantity treated on-site	0
8.7.A	Quantity treated off-site	0
8.7.B	Quantity treated off-site	0
8.7.C	Quantity treated off-site	0
8.7.D	Quantity treated off-site	0
8.8	Quantity released from catastrophic/remedial action	0
8.9	Production ratio or activity index	1.20

DATE: 11/15/95

ALASKAN COPPER WORKS
3200 6TH AVE. S.
SEATTLE, WA 98134

RELEASE VALUE REPORT

Document Control Nbr.	Chemical Name	CAS Number
13-94-08506771-2-WA	NICKEL COMPOUNDS	N495 - -
6.1.A	Total quantity transferred to POTWs	1 - 10
5.1	Fugitive or non-point air emissions	1 - 10
5.2	Stack or point air emissions	NA
5.3.A	Discharges to water bodies NA	NA
5.4	Underground injections on-site	NA
5.5.1	Releases to landfill	NA
5.5.2	Releases to land treatment/application farming	NA
5.5.3	Releases to surface impoundment	NA
5.5.4	Releases to other land disposal	NA
6.2.01	Transfer to other off-site WORLD RESOURCES CO.	5,839
6.2.02	Transfer to other off-site	NA
8.1.A	Quantity released	5
8.1.B	Quantity released	5
8.1.C	quantity released	5
8.1.D	Quantity released	5
8.2.A	Quantity used for energy recovery on-site	0
8.2.B	Quantity used for energy recovery on-site	0
8.2.C	Quantity used for energy recovery on-site	0
8.2.D	Quantity used for energy recovery on-site	0
8.3.A	Quantity used for energy recovery off-site	0
8.3.B	Quantity used for energy recovery off-site	0
8.3.C	Quantity used for energy recovery off-site	0
8.3.D	Quantity used for energy recovery off-site	0
8.4.A	Quantity recycled on-site	0
8.4.B	Quantity recycled on-site	0
8.4.C	Quantity recycled on-site	0
8.4.D	Quantity recycled on-site	0
8.5.A	Quantity recycled off-site	1,067
8.5.B	Quantity recycled off-site	5,839
8.5.C	Quantity recycled off-site	4,500
8.5.D	Quantity recycled off-site	4,500
8.6.A	Quantity treated on-site	0
8.6.B	Quantity treated on-site	0
8.6.C	Quantity treated on-site	0
8.6.D	Quantity treated on-site	0
8.7.A	Quantity treated off-site	0
8.7.B	Quantity treated off-site	0
8.7.C	Quantity treated off-site	0
8.7.D	Quantity treated off-site	0
8.8	Quantity released from catastrophic/remedial action	0
8.9	Production ratio or activity index	1.20

DATE: 11/15/95

ALASKAN COPPER WORKS
3200 6TH AVE. S.
SEATTLE, WA 98134

RELEASE VALUE REPORT

Document Control Nbr.	Chemical Name	CAS Number
13-94-08506772-4-WA	CHROMIUM COMPOUNDS	N090 - -
5.1	Fugitive or non-point air emissions	1 - 10
5.2	Stack or point air emissions	NA
5.3.A	Discharges to water bodies NA	NA
5.4	Underground injections on-site	NA
5.5.1	Releases to landfill	NA
5.5.2	Releases to land treatment/application farming	NA
5.5.3	Releases to surface impoundment	NA
5.5.4	Releases to other land disposal	NA
6.2.01	Transfer to other off-site WORLD RESOURCES CO.	NA
6.2.02	Transfer to other off-site	NA
8.1.A	Quantity released	15
8.1.B	Quantity released	15
8.1.C	quantity released	10
8.1.D	Quantity released	10
8.2.A	Quantity used for energy recovery on-site	0
8.2.B	Quantity used for energy recovery on-site	0
8.2.C	Quantity used for energy recovery on-site	0
8.2.D	Quantity used for energy recovery on-site	0
8.3.A	Quantity used for energy recovery off-site	0
8.3.B	Quantity used for energy recovery off-site	0
8.3.C	Quantity used for energy recovery off-site	0
8.3.D	Quantity used for energy recovery off-site	0
8.4.A	Quantity recycled on-site	0
8.4.B	Quantity recycled on-site	0
8.4.C	Quantity recycled on-site	0
8.4.D	Quantity recycled on-site	0
8.5.A	Quantity recycled off-site	1,320
8.5.B	Quantity recycled off-site	6,746
8.5.C	Quantity recycled off-site	6,900
8.5.D	Quantity recycled off-site	6,900
8.6.A	Quantity treated on-site	0
8.6.B	Quantity treated on-site	0
8.6.C	Quantity treated on-site	0
8.6.D	Quantity treated on-site	0
8.7.A	Quantity treated off-site	0
8.7.B	Quantity treated off-site	0
8.7.C	Quantity treated off-site	0
8.7.D	Quantity treated off-site	0
8.8	Quantity released from catastrophic/remedial action	0
8.9	Production ratio or activity index	1.20

DATE: 11/15/95

ALASKAN COPPER WORKS
3200 6TH AVE. S.
SEATTLE, WA 98134

RELEASE VALUE REPORT

Document Control Nbr.	Chemical Name	CAS Number
13-94-08506773-6-WA	NITRIC ACID	007697-37-2
6.1.A	Total quantity transferred to POTWs	NA
5.1	Fugitive or non-point air emissions	1 - 10
5.2	Stack or point air emissions	NA
5.3.A	Discharges to water bodies NA	NA
5.4	Underground injections on-site	NA
5.5.1	Releases to landfill	NA
5.5.2	Releases to land treatment/application farming	NA
5.5.3	Releases to surface impoundment	NA
5.5.4	Releases to other land disposal	NA
6.2.01	Transfer to other off-site	NA
8.1.A	Quantity released	8
8.1.B	Quantity released	5
8.1.C	quantity released	5
8.1.D	Quantity released	5
8.2.A	Quantity used for energy recovery on-site	0
8.2.B	Quantity used for energy recovery on-site	0
8.2.C	Quantity used for energy recovery on-site	0
8.2.D	Quantity used for energy recovery on-site	0
8.3.A	Quantity used for energy recovery off-site	0
8.3.B	Quantity used for energy recovery off-site	0
8.3.C	Quantity used for energy recovery off-site	0
8.3.D	Quantity used for energy recovery off-site	0
8.4.A	Quantity recycled on-site	0
8.4.B	Quantity recycled on-site	0
8.4.C	Quantity recycled on-site	0
8.4.D	Quantity recycled on-site	0
8.5.A	Quantity recycled off-site	0
8.5.B	Quantity recycled off-site	0
8.5.C	Quantity recycled off-site	0
8.5.D	Quantity recycled off-site	0
8.6.A	Quantity treated on-site	12,000
8.6.B	Quantity treated on-site	11,400
8.6.C	Quantity treated on-site	12,000
8.6.D	Quantity treated on-site	12,000
8.7.A	Quantity treated off-site	0
8.7.B	Quantity treated off-site	0
8.7.C	Quantity treated off-site	0
8.7.D	Quantity treated off-site	0
8.8	Quantity released from catastrophic/remedial action	0
8.9	Production ratio or activity index	1.20